BUREAU OF STATISTICS

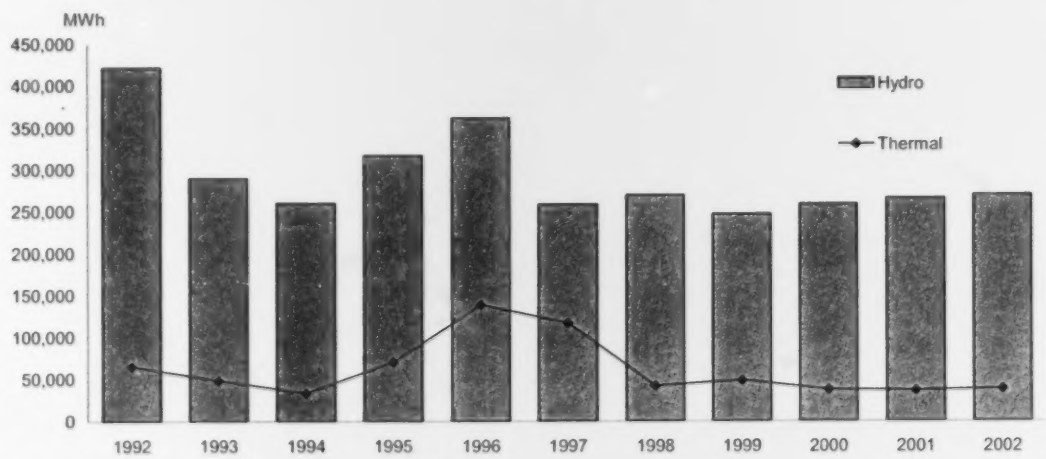
ENERGY FACTS

Electricity – *Generation*

How much electricity is generated in the Yukon, and who produces it?

	YUKON ELECTRICAL COMPANY		YUKON ENERGY CORPORATION			YUKON TOTAL		
	HYDRO	THERMAL	HYDRO	THERMAL	WIND	HYDRO	THERMAL	WIND
	(MWh)		(MWh)			(MWh)		
2002	8,118	21,824	262,259	16,176	1,100	270,377	38,000	1,100
2001	9,165	21,026	256,709	15,105	1,125	265,874	36,131	1,125
2000	6,930	20,963	252,134	16,026	394	259,064	36,989	394
1999	4,544	20,791	242,798	27,356	267	247,342	48,147	267
1998	5,561	20,013	264,450	21,802	259	270,011	41,815	259
1997	6,343	21,421	252,581	95,881	226	258,924	117,302	226
1996	6,641	20,788	355,391	118,111	221	362,032	138,899	221
1995	7,077	17,943	310,128	52,373	227	317,205	70,316	227
1994	10,181	20,193	249,753	12,945	243	259,934	33,138	243
1993	9,677	19,644	279,623	28,355	86	289,300	47,999	86
1992	10,673	19,883	410,560	44,670	-	421,233	64,553	-

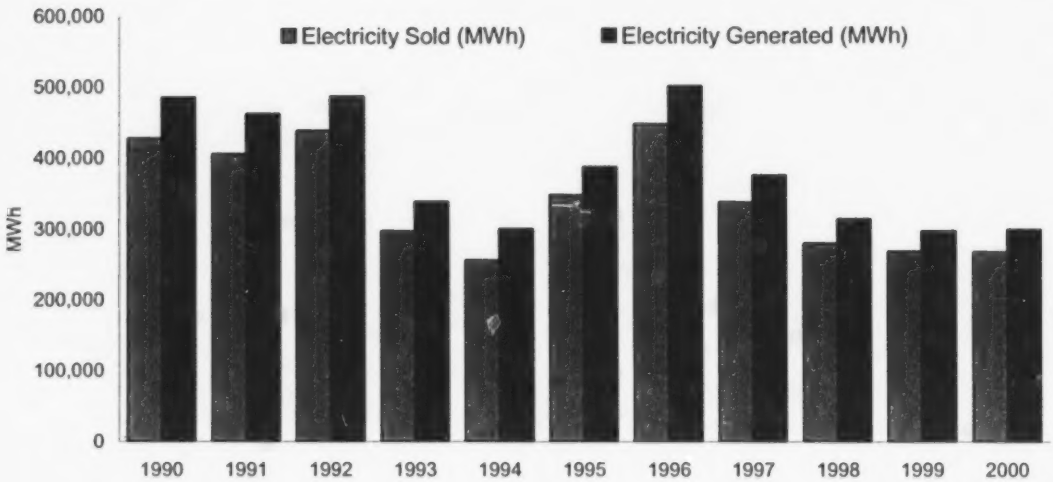
* *Hydro electricity*: Energy produced by utilising the water flow in a river.
* *Thermal electricity*: Energy produced by generators which run on petroleum products (e.g., diesel).
* *Wind electricity*: Wind generator at Haeckel Hill, Whitehorse, went into service in the fall of 1993. A second wind generator was added in October 2000.



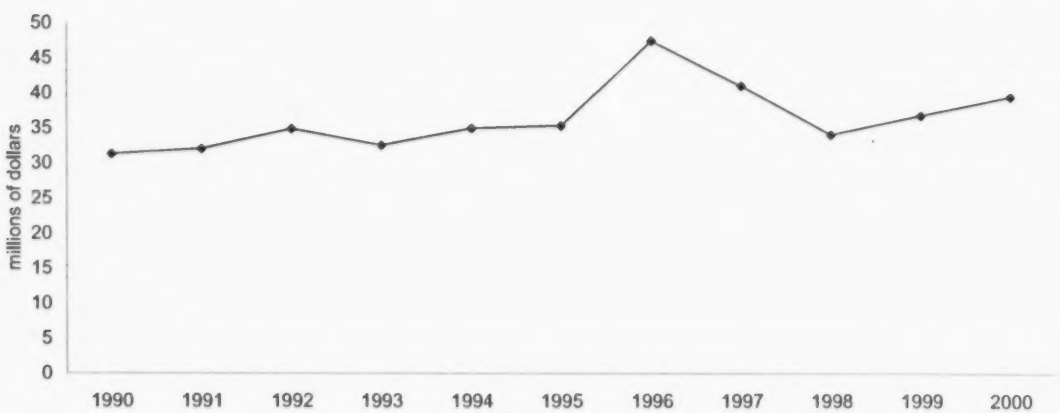
Source: Yukon Electric Company and Yukon Energy Corporation.

Electricity – *Consumption*

How much electricity is generated and sold in the Yukon?



What is the dollar value of electricity sold in the Yukon?



Source: Statistics Canada catalogue no. 57-202

Electricity – *Cost*

How much does the Yukon residential sector pay for electricity compared to the rest of Canada?

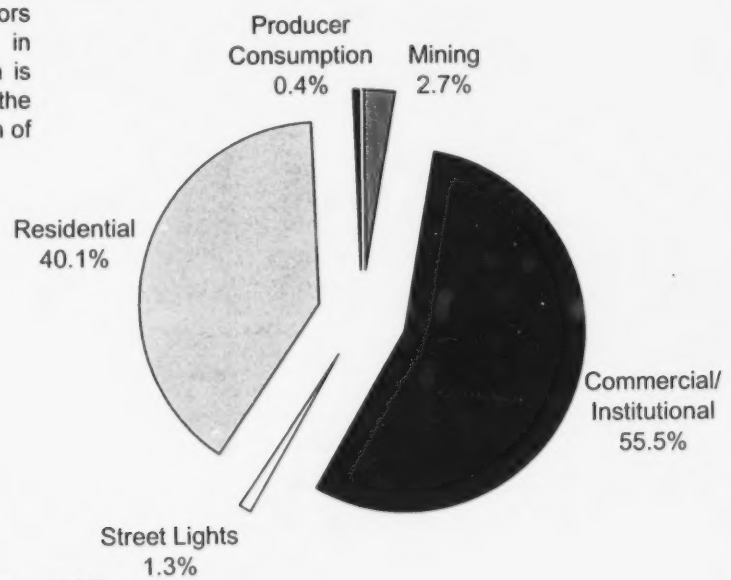
		1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Average Annual Bill ($)	Canada	778.45	815.84	867.58	902.12	907.59	890.69	899.00	890.85	862.83	884.22	889.59
	Yukon	920.35	937.17	883.48	968.16	1,223.57	1,168.79	1,224.82	1,129.73	1,116.12	1,253.84	1,388.28
Consumption Per Customer (kW.h)	Canada	13,015	12,822	12,830	12,725	12,570	12,308	12,579	12,339	11,786	12,016	11,970
	Yukon	11,834	11,679	11,055	10,950	10,349	10,095	10,604	9,815	9,564	9,702	9,761
Cost Per KW.h (cents)	Canada	5.99	6.36	6.76	7.08	7.22	7.23	7.15	7.22	7.32	7.36	7.43
	Yukon	7.77	8.02	7.99	8.84	11.82	11.57	11.55	11.51	11.67	12.92	14.22

This table shows that the average annual electricity bill in the Yukon was $1,388.28 in 2000, an increase of $134.44, or 10.7%, over 1999. Comparing the Yukon to Canada, the Yukon average is $498.69, or 56.1%, more than the Canadian average of $889.59. On average, Yukoners consume annually 9,761 KWh of electricity, 18.5% less than the Canadian average of 11,970 KWh.

Source: Statistics Canada catalogue no. 57-202.

Electricity – *Distribution*

This chart shows the five sectors that consume electrical power in the Yukon. Their consumption is expressed as a percentage of the Yukon total electrical generation of 297,752 MWh in 2000.



Source: Statistics Canada catalogue no. 57-202.

Petroleum Products – *Consumption*

What were the domestic sales of motor gasoline?

MONTH	Total Sales	Regular Unleaded Gas	Mid-grade Unleaded Gas	Premium Unleaded Gasoline	Total Retail Sales
2002	cubic metres				
January	3,136	2,899	18	219	2,103
February	3,266	3,050	16	200	2,130
March	3,746	3,433	16	297	2,512
April	2,934	2,716	10	208	2,146
May	4,404	4,072	37	295	2,837
June	4,620	4,255	34	331	3,612
July	5,529	5,185	38	306	4,030
August	4,670	4,318	40	312	3,404
September	4,003	3,649	26	328	2,926
October	3,130	2,932	30	168	2,239
November	2,409	2,183	28	198	1,723
December	2,205	1,972	33	200	1,578
Total	44,052	40,664	326	3,062	31,240

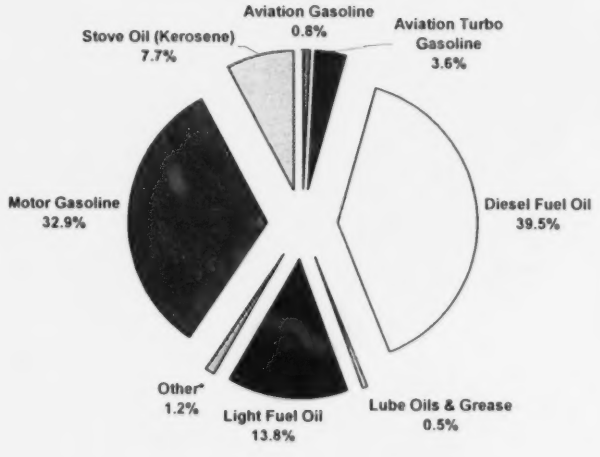
Note : Total sales of motor gasoline are the total sales in the Yukon Territory.
Retail sales of motor gasoline represent the sales conducted by retail service stations only.

Source: Statistics Canada catalogue no. 45-004.

Petroleum Products – *Distribution*

What is the breakdown of petroleum sales?

This chart shows consumption of the eight types of petroleum products sold in the Yukon. Each product is expressed as a percentage of the total petroleum consumption of 134,053 cubic metres in 2002.



Note: *Other includes heavy fuel oil and naphtha specialties.

Source: Statistics Canada catalogue no. 45-004.

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Per Capita Gasoline Consumption

How much motor gasoline do Yukoners consume in comparison to the rest of Canada?

	Domestic Sales of Mogas (2002)	Population (May 15,2001*)	Annual Consumption Per Person	Daily Consumption Per Person
Canada	39,599,445 m^3	30,007,094	1.320 m^3	3.62 litres
Yukon	44,052 m^3	28,674	1.536 m^3	4.21 litres

* = population figures are Census 2001 figures.

This table shows that during 2002 the per capita consumption of motor gasoline in the Yukon was 4.21 litres per day, or 16.3% higher than the national average of 3.62 litres per day.

Source : Statistics Canada catalogue nos. 45-004.

Petroleum Prices

What is the price of regular gasoline and diesel fuel at full-service stations in Yukon communities?

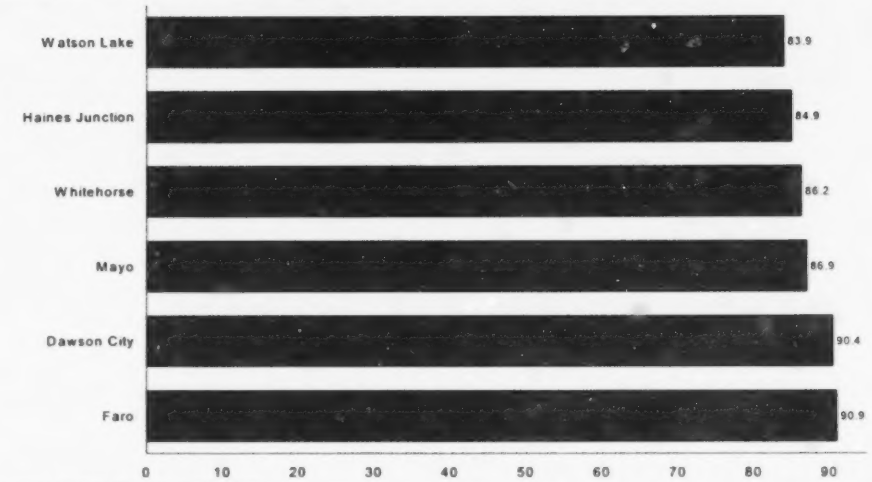
	---- December 2002 ----	
	Unleaded Gasoline	Diesel
Communities	cents/litre	
Watson Lake	83.9	76.9
Haines Junction	84.9	73.9
Whitehorse	86.2	77.2
Mayo	86.9	75.9
Dawson City	90.4	81.3
Faro	90.9	79.6

* Carmacks and Teslin do not offer full-service fuel so are not included in this report.

Source: Yukon Bureau of Statistics, *Fuel Survey*.

Motor Gasoline Prices

What was the average price of full-serve regular unleaded gasoline in the various Yukon communities in December, 2002?



Source: Yukon Bureau of Statistics.

Heating Methods

What are the principal heating methods in Canada?

2001

Total Dwellings	Steam or Hot Water Furnaces	Hot Air Furnaces		Heating Stoves	Electric Heating[1]	Other[2]
		Forced	Other			
		estimates in thousands				
7,458	567	4,690	182	369	1,632	17

[1] Includes permanently installed baseboard electric heating as well as other types such as floor or ceiling heating wires, in all or most rooms.

[2] Includes cookstoves or ranges, fireplaces, solar heating, portable heaters, etc.

What is the principal heating fuel used in Canada?

2001

Total Dwellings	Oil or Other Liquid Fuel[1]	Piped Gas	Bottled Gas	Electricity	Wood	Other[2]
		estimates in thousands				
7,458	1,043	3,963	77	1,923	443	..

[1] Includes kerosene. [2] Includes coal or coke.

Source: Statistics Canada *Survey of Household Spending*.

Energy Price Index

How has the price of energy changed over the past ten years in Whitehorse and in Canada?

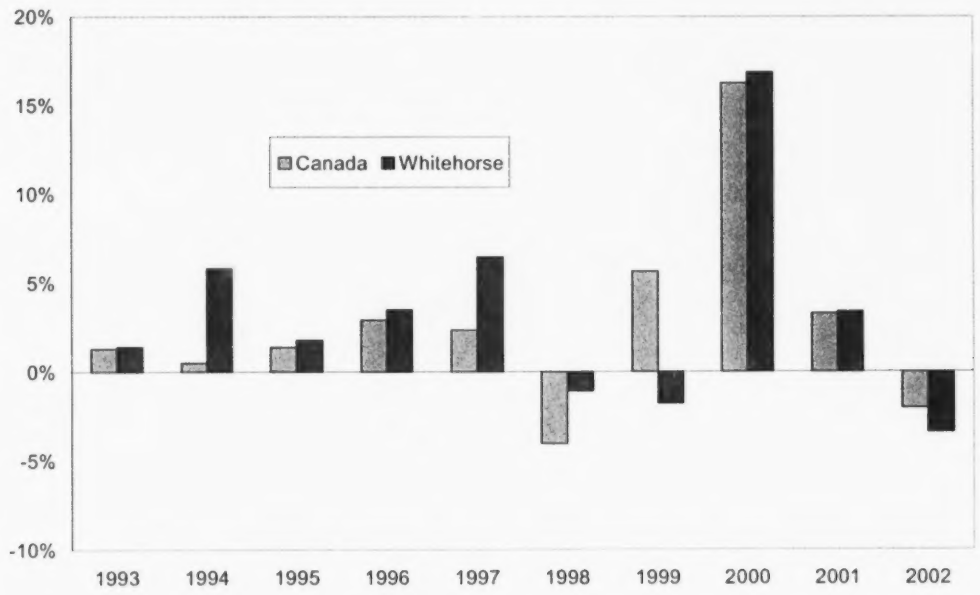
Consumer Price Index, Energy, 1992=100

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Canada	100.0	101.3	101.8	103.2	106.2	108.7	104.3	110.2	128.1	132.3	129.6
Whitehorse	100.0	101.4	107.3	109.2	113.0	120.3	119.0	116.9	136.6	141.2	136.4

(*For example*: The consumer price index energy aggregate for Whitehorse for 2002 was 136.4 (1992 =100). This means that energy prices were 36.4% higher in 2002 compared with 1992.)

Source: Statistics Canada CANSIM II, Table no. 326-0002.

By what percentage has the price of energy changed from year to year in Canada and Whitehorse?



Source: Statistics Canada CANSIM II, Table no. 326-0002.

Fuel Oil Costs

How expensive is household heating fuel in Whitehorse compared to other Canadian cities?

	Whitehorse	Vancouver	Toronto	Yellowknife
	---------- cents per litre ----------			
January '03	65.2	61.2	60.9	55.9
January '02	53.4	49.0	47.5	42.1
January '01	65.9	61.7	64.6	56.3
January '00	47.4	50.4	48.0	47.7
January '99	40.1	40.6	37.1	32.6
January '98	46.9	43.4	42.7	37.3
January '97	44.7	44.1	44.4	42.4
January '96	41.6	41.5	39.2	37.7
January '95	42.3	41.5	38.3	38.5
January '94	42.5	41.5	37.9	38.8
January '93	42.3	41.6	37.1	39.2

Source: Statistics Canada CANSIM II, Table no. 326-0009

This information sheet provides summary statistics on energy consumption, petroleum products and energy costs in the Yukon. Data presented is accurate as of June 2003, and was collected from a variety of sources, including the Yukon Government and Statistics Canada.

LEGEND

kW	Kilowatt = 1,000 watts
kWh	Kilowatt Hour = One kilowatt of power used for one hour.
MWh	Megawatt = 1,000,000 watts
m^3	Cubic metre = 1,000 litres
Mogas	Motor Gasoline
..	Figures not available
-	Nil or zero
(r)	Revised figures
(f)	Forecast figures
%	Percentage

Yukon
Executive Council Office
Bureau of Statistics

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